

FIG. 1A

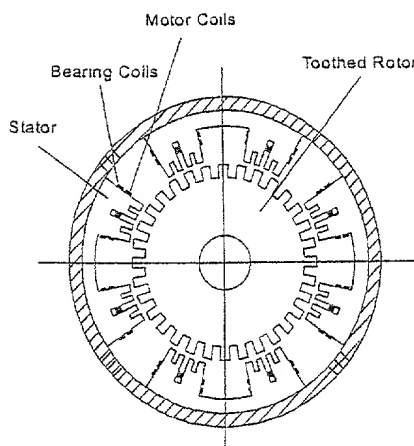
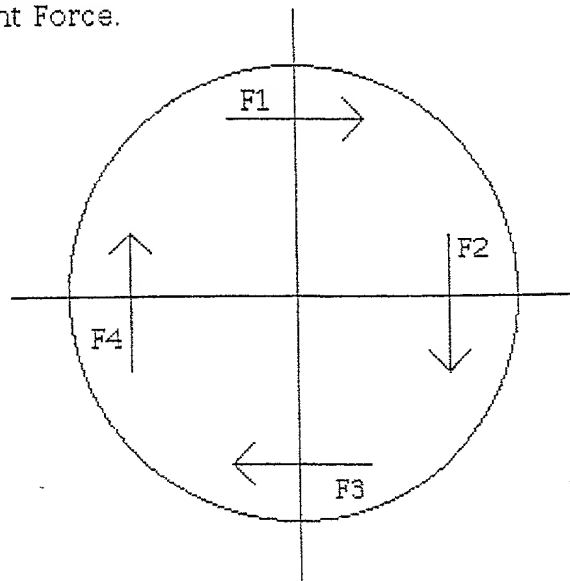
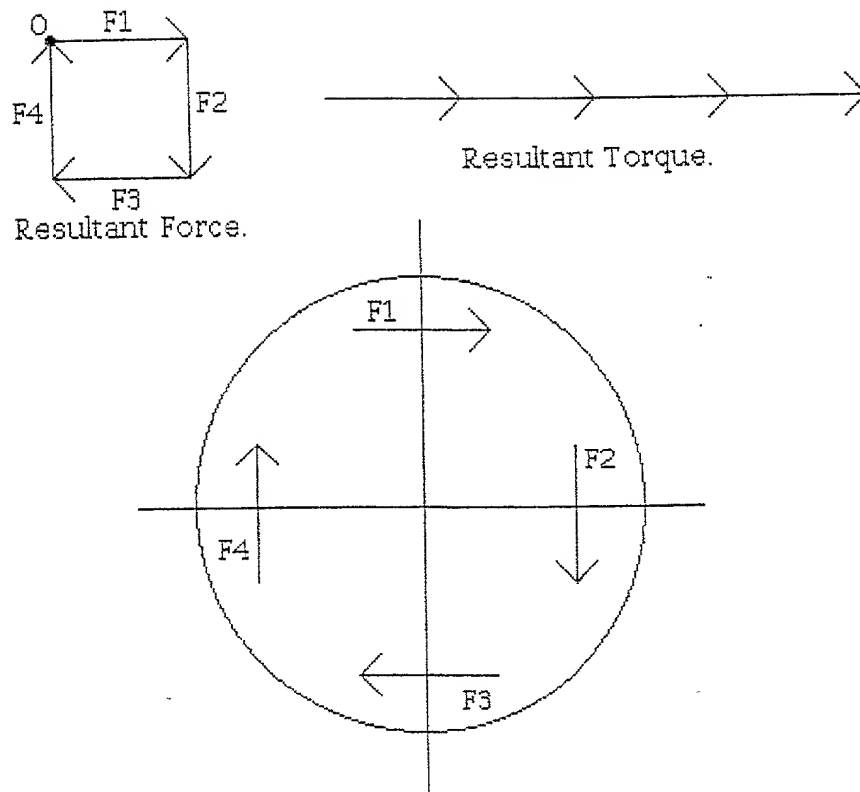
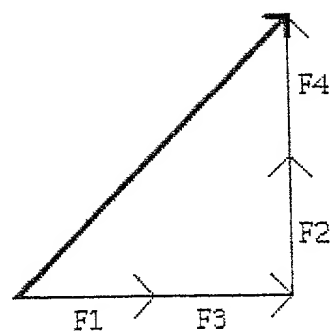


FIG. 1B

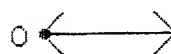


x- or y-direction of force				Resultant		
F1	F2	F3	F4	Fx	Fy	Torque
+	-	-	+	0	0	++++

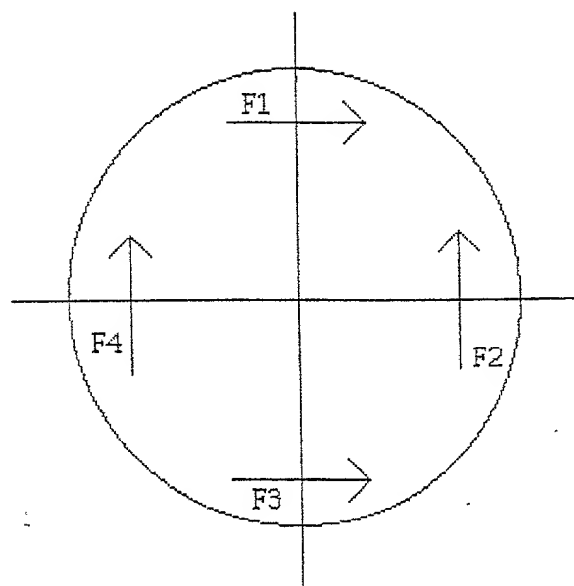
FIG. 3



Resultant Force.

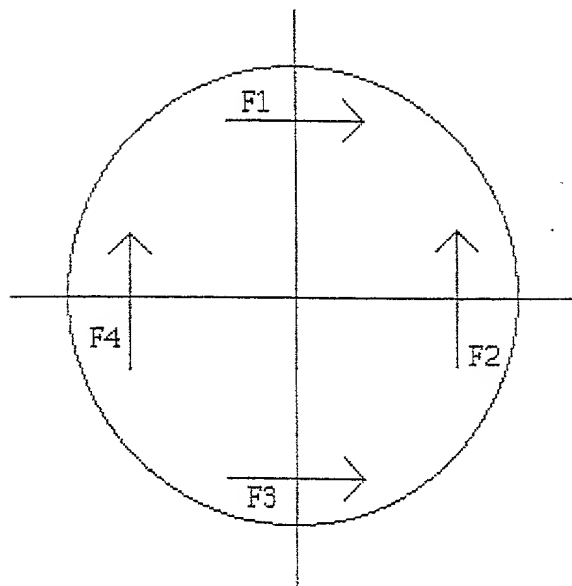


Resultant Torque.



x- or y-direction of force				Resultant		
F1	F2	F3	F4	Fx	Fy	Torque
+	+	+	+	++	++	0

FIG. 4



x- or y-direction of force				Resultant		
F1	F2	F3	F4	Fx	Fy	Torque
+	0	0	0	+	0	+
+	0	+	0	++	0	0
+	0	-	0	0	0	++
-	0	0	0	-	0	-
-	0	-	0	-	0	0
-	0	+	0	0	0	-
+	+	-	-	0	0	++++

FIG. 5

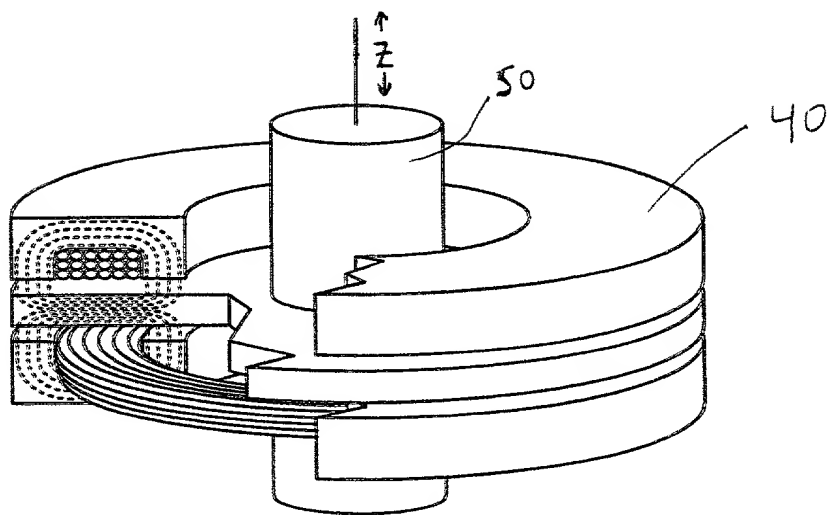


FIG. 6